

## **IMMUNOGENICITY OF GLUCAN BINDING PROTEIN**

### **ABSTRACT**

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Immunogenic compositions and subunit vaccines for dental caries are described which comprise peptide subunits of glucan binding protein-B and peptide subunits of glucan binding protein-B in combination with peptide subunits of glucosyltransferase. Methods of provoking an immune response to *S. mutans* glucan binding protein-B or glucosyltransferase.

10 Methods of immunizing a mammal against dental caries are also described, along with antibodies which bind particular epitopes of glucan binding protein-B or glucosyltransferase.